Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012476.D
Acq On : 18 Sep 2019 16:11
Operator : JC/SP
Sample : K4858-05DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190909DL

Quant Time: Sep 19 06:02:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115386	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.66%			
35) Dibromofluoromethane	5.48	113	82518	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.16%			
50) Toluene-d8	8.71	98	321038	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.22%			
62) 4-Bromofluorobenzene	11.14	95	114079	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	160	0.525	ug/l #	43
3) Chloromethane	1.31	50	462	0.473	ug/l	92
5) Bromomethane	1.64	94	484	1.167	ug/l #	12
6) Chloroethane	1.72	64	345	0.418	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	2.36	101	790	0.564	ug/l #	89
10) Methyl Iodide	2.50	142	766	5.023	ug/l	91
11) Tert butyl alcohol	3.00	59	20146	25.944	ug/l #	78
12) 1,1-Dichloroethene	2.35	96	312	0.279	ug/l #	58
13) Acrolein	2.30	56	292	Below Cal	#	15
15) Acrylonitrile	3.14	53	665	0.603	ug/l #	57
16) Acetone	2.44	43	1466	Below Cal	#	86
17) Carbon Disulfide	2.55	76	455	2.084	ug/l #	74
20) Methylene Chloride	2.84	84	721	0.468	ug/l #	65
21) trans-1,2-Dichloroethene	3.15	96	244	0.210	ug/l #	12
27) cis-1,2-Dichloroethene	4.58	96	389	0.225	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	15074	9.019	ug/l #	54
38) Carbon Tetrachloride	5.65	117	19454	9.359	ug/l #	17
42) 1,2-Dichloroethane	6.20	62	525	0.213	ug/l	97
44) Trichloroethene	7.20	130	105414	75.400	ug/l	94
49) 1,4-Dioxane	7.72	88	53	1.003	ug/l #	1
60) Dibromochloromethane	9.33	129	592	0.329	ug/l #	11
64) Tetrachloroethene	9.33	164	558	0.520	ug/l #	71
68) m/p-Xylenes	10.36	106	548	0.227	ug/l #	70
76) 1,2,3-Trichloropropane	11.14	75	60432	28.325	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	60432	76.043	ug/l #	8
87) 1,3-Dichlorobenzene	12.03	146	629	0.235	ug/l	80
88) 1,4-Dichlorobenzene	12.03	146	629	0.229	ug/l	80
93) 1,2,4-Trichlorobenzene	13.64	180	528	0.293	ug/l	83
95) Naphthalene	13.83	128	1309	0.204	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	503	0.274	ug/l	79

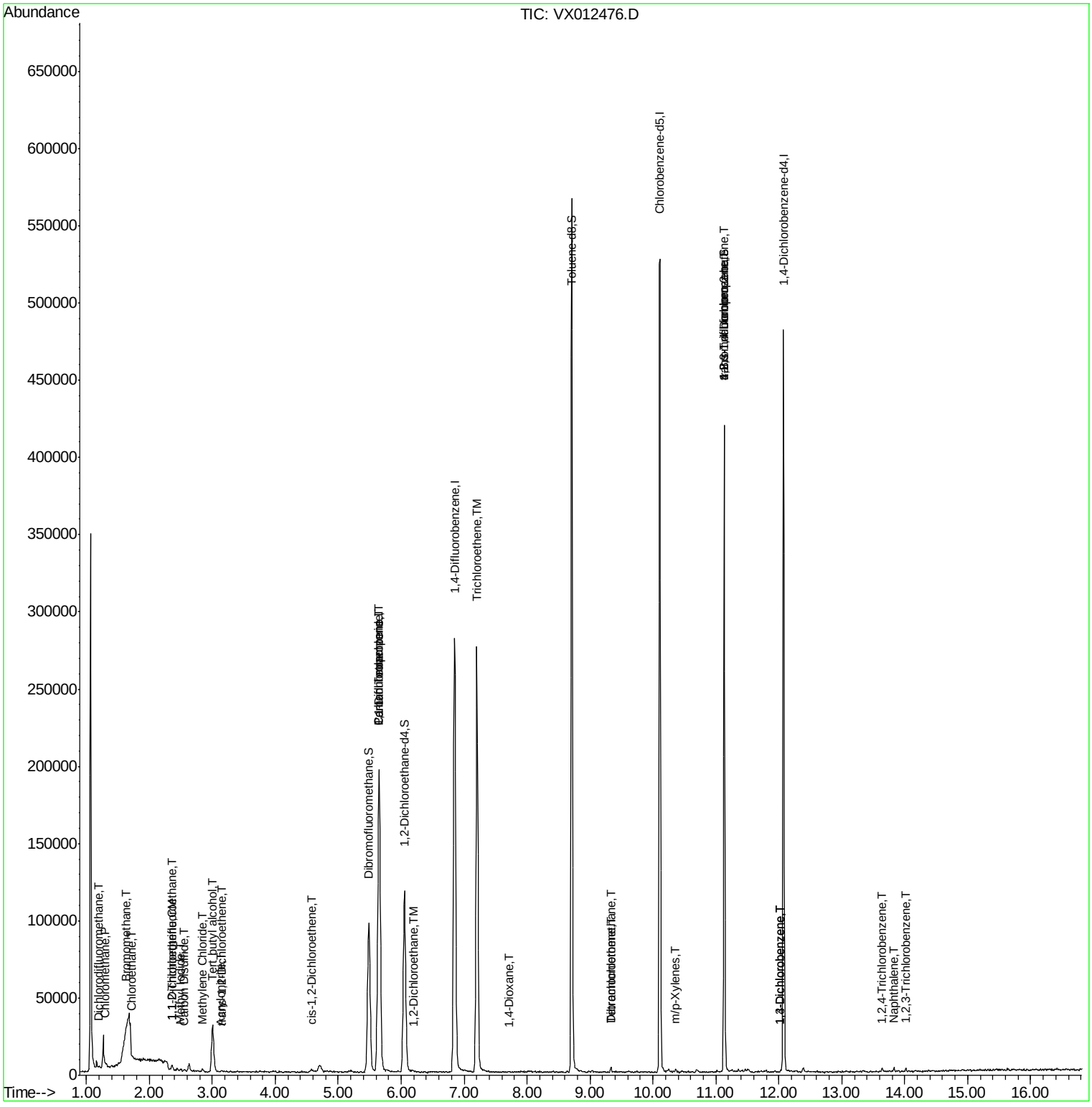
(#) = qualifier out of range (m) = manual integration (+) = signals summed

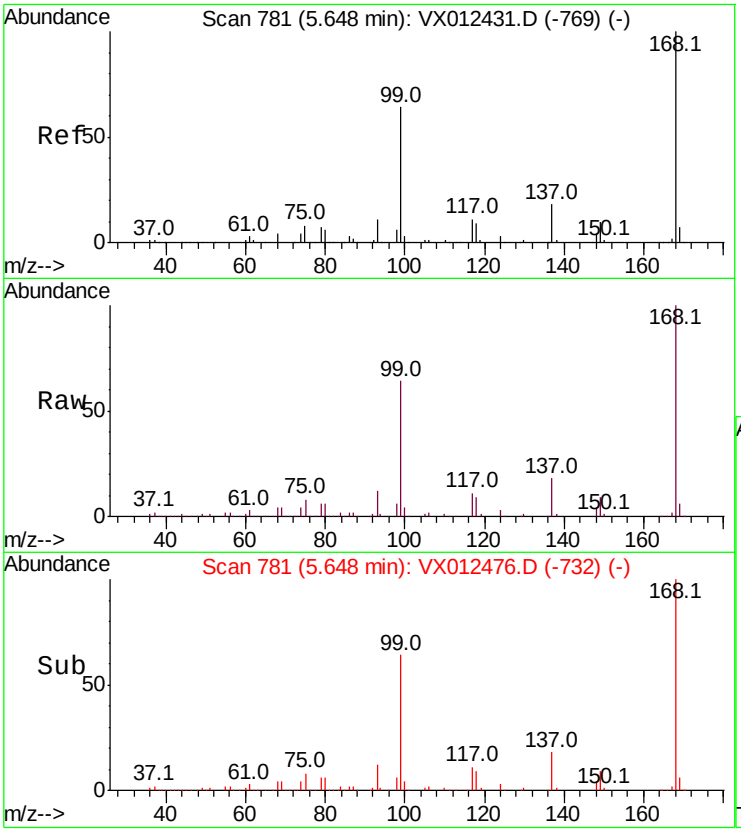
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012476.D
Acq On : 18 Sep 2019 16:11
Operator : JC/SP
Sample : K4858-05DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Quant Time: Sep 19 06:02:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



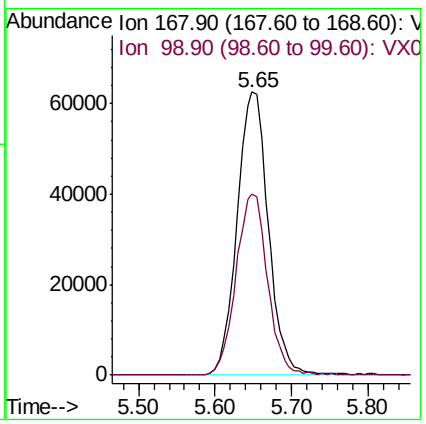


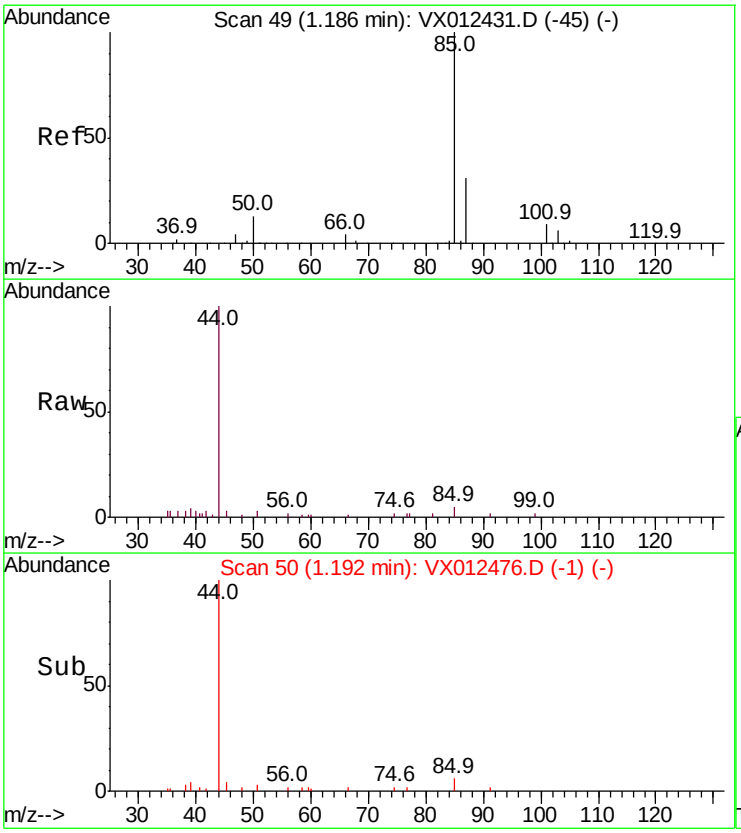
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:168 Resp: 177623

Ion	Ratio	Lower	Upper
168	100		
99	63.9	51.4	77.2

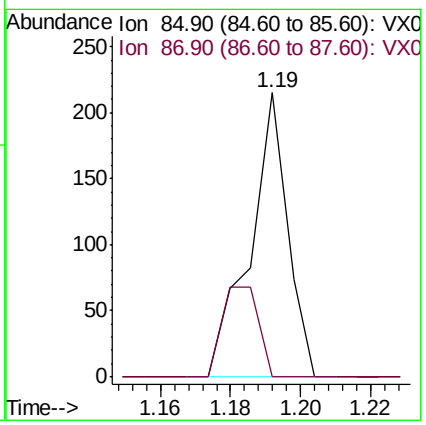


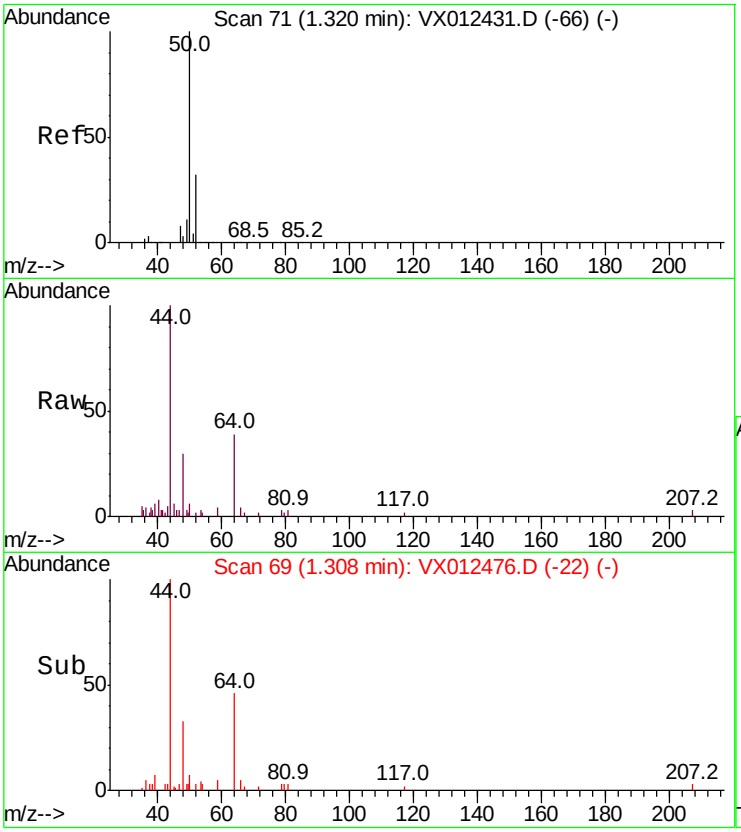


#2
Dichlorodifluoromethane
Concen: 0.525 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 85 Resp: 160

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



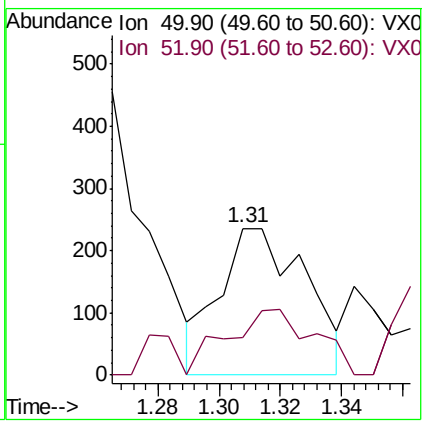


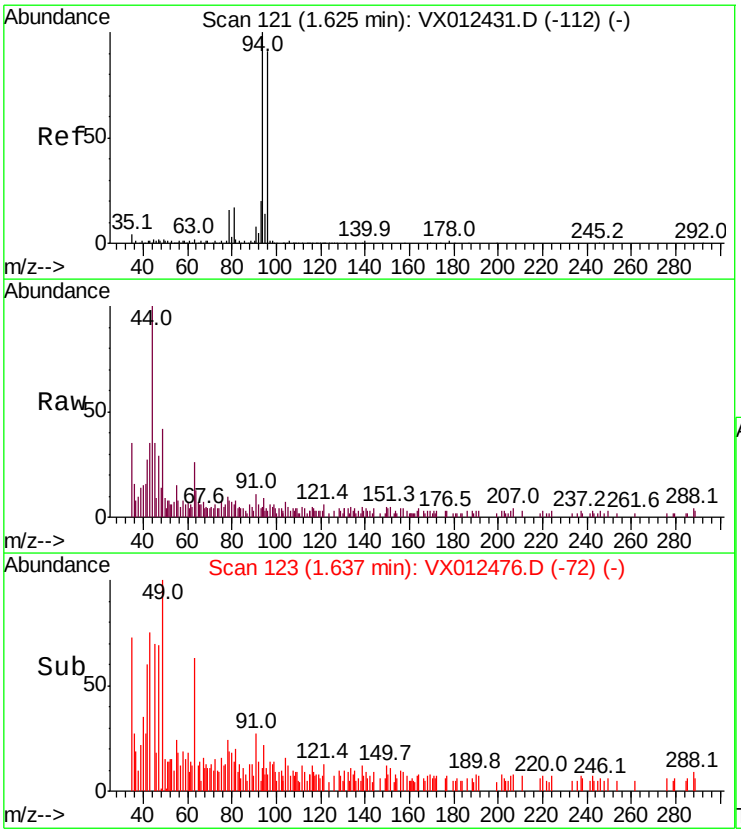
#3
Chloromethane
Concen: 0.473 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 50 Resp: 462

Ion	Ratio	Lower	Upper
50	100		
52	36.4	25.7	38.5

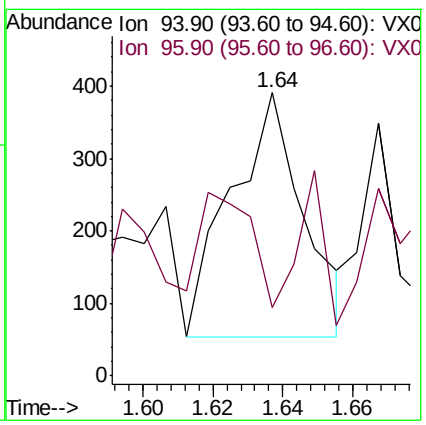


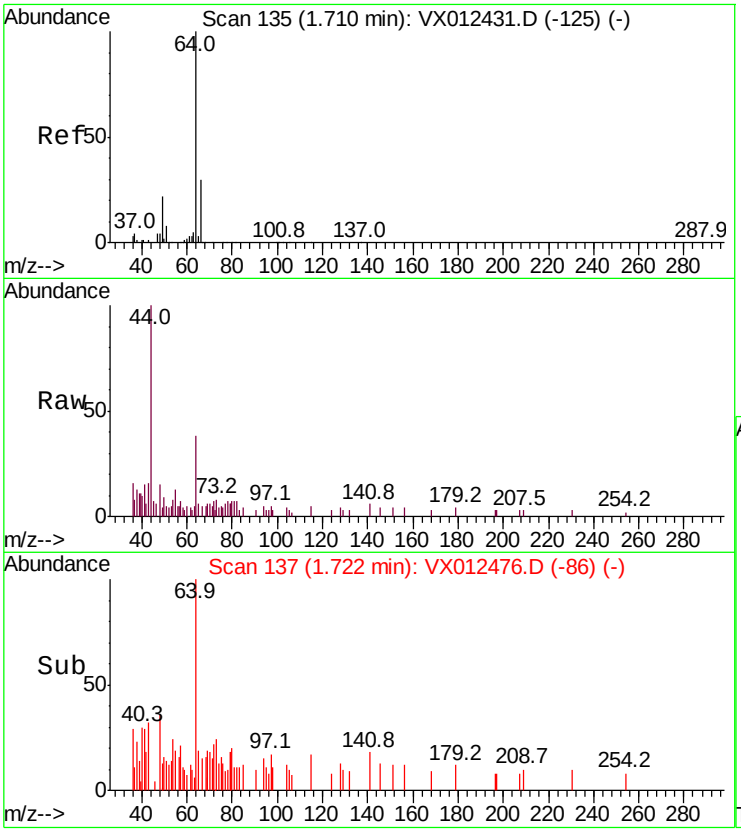


#5
Bromomethane
Concen: 1.167 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 94 Resp: 484

Ion	Ratio	Lower	Upper
94	100		
96	7.4	72.8	109.2#



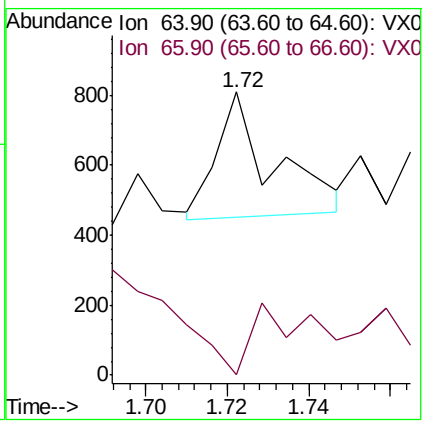


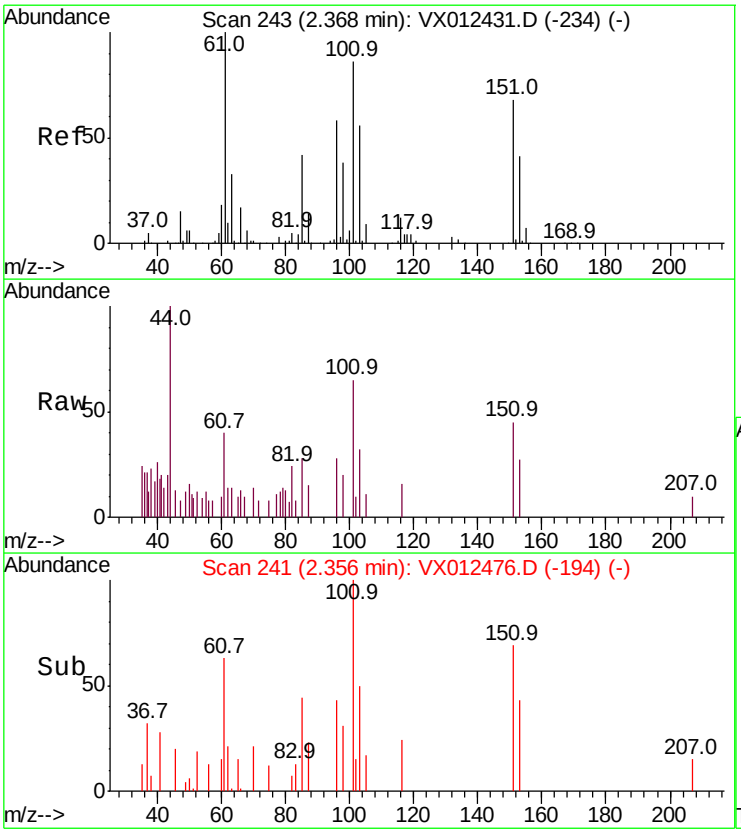
#6
Chloroethane
Concen: 0.418 ug/l
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 64 Resp: 345

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

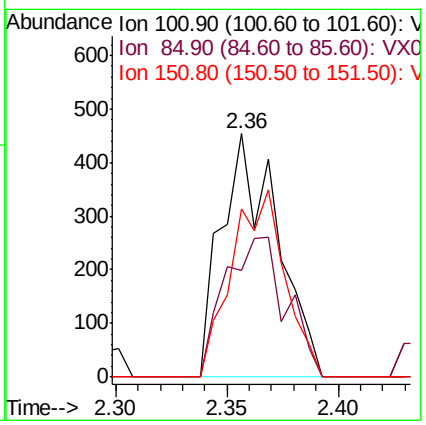


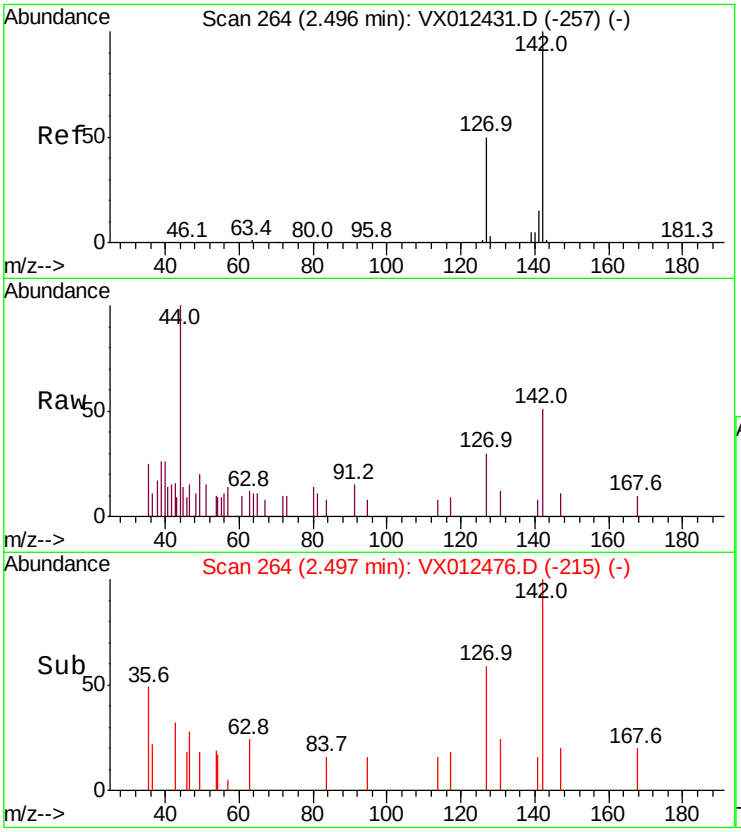


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.564 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:101 Resp: 790

Ion	Ratio	Lower	Upper
101	100		
85	62.8	37.3	55.9#
151	73.2	61.0	91.4



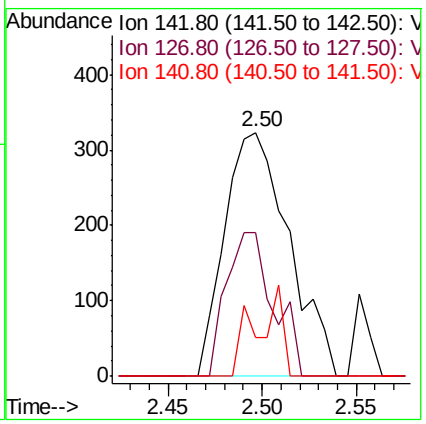


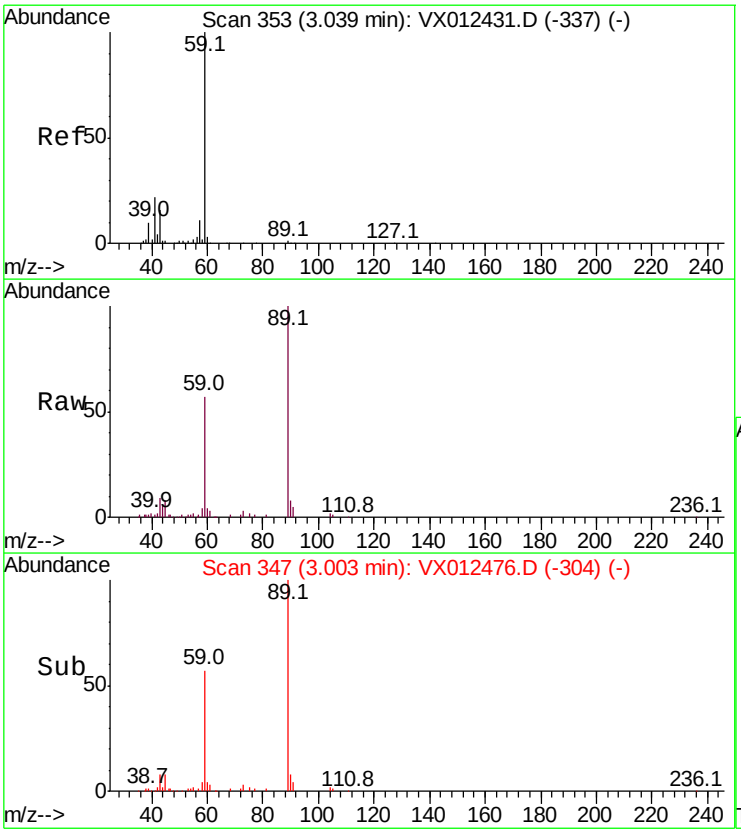
#10
Methyl Iodide
Concen: 5.023 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:142 Resp: 766

Ion	Ratio	Lower	Upper
142	100		
127	43.0	40.8	61.2
141	15.1	12.1	18.1

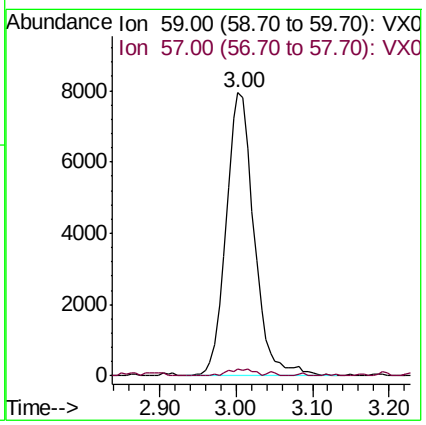


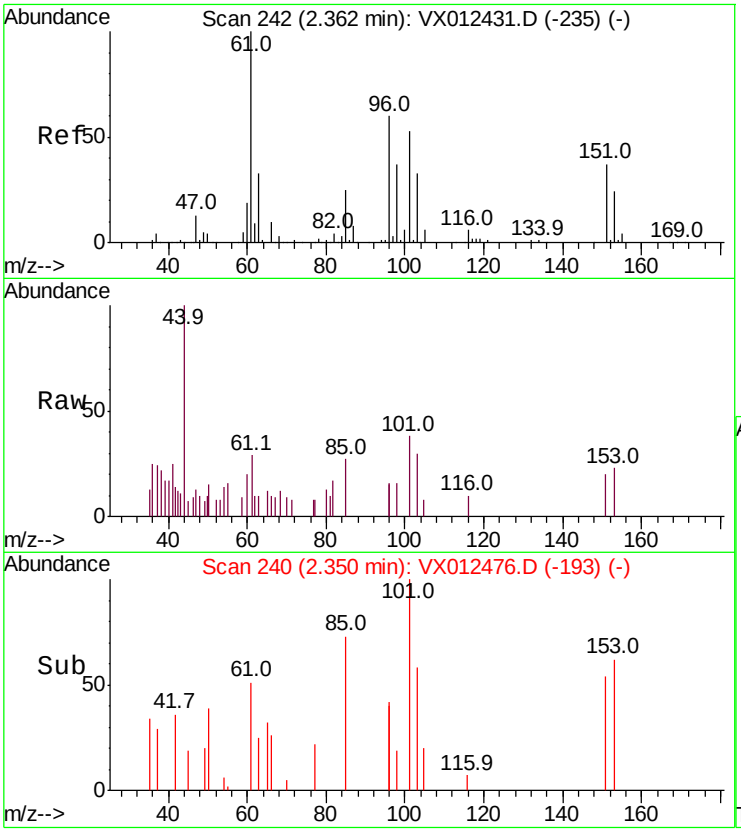


#11
Tert butyl alcohol
Concen: 25.944 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 59 Resp: 20146

Ion	Ratio	Lower	Upper
59	100		
57	2.2	8.3	12.5#



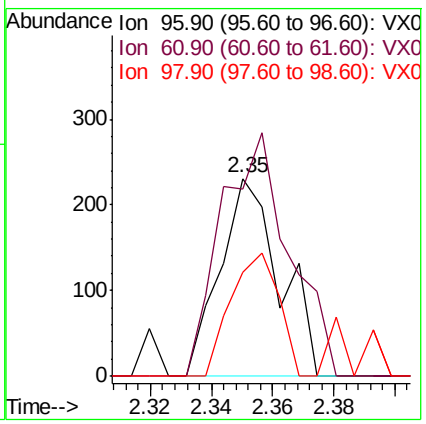


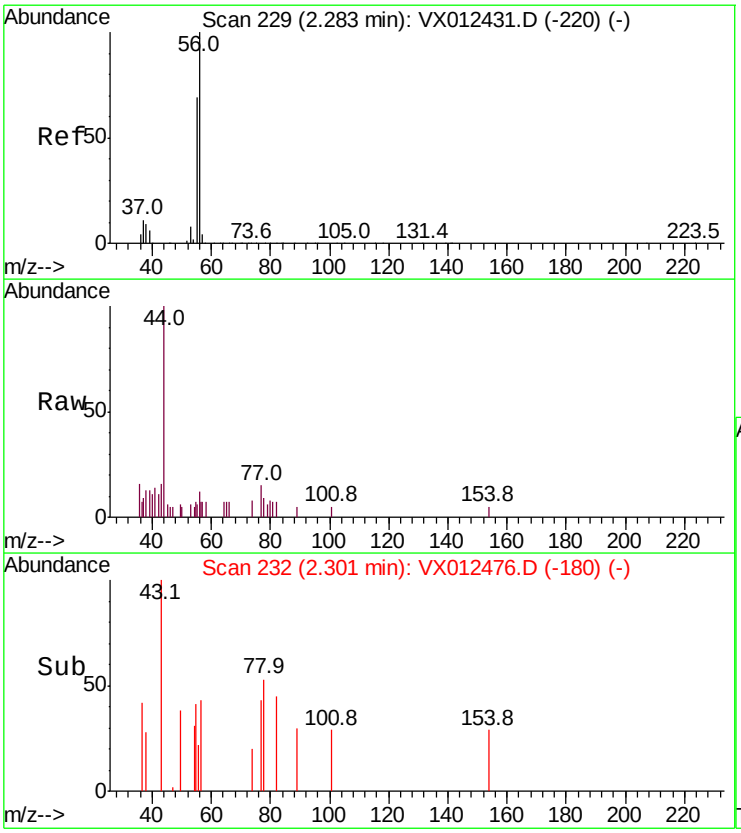
#12
1,1-Dichloroethene
Concen: 0.279 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 96 Resp: 312

Ion	Ratio	Lower	Upper
96	100		
61	94.8	133.8	200.6#
98	52.4	49.9	74.9

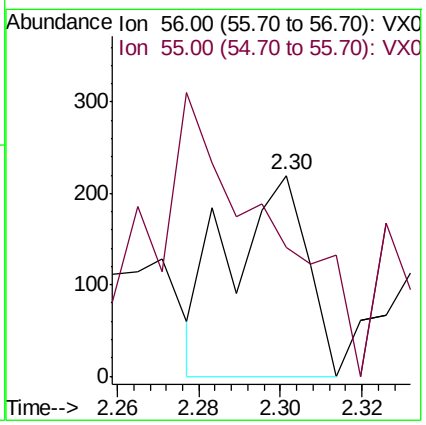


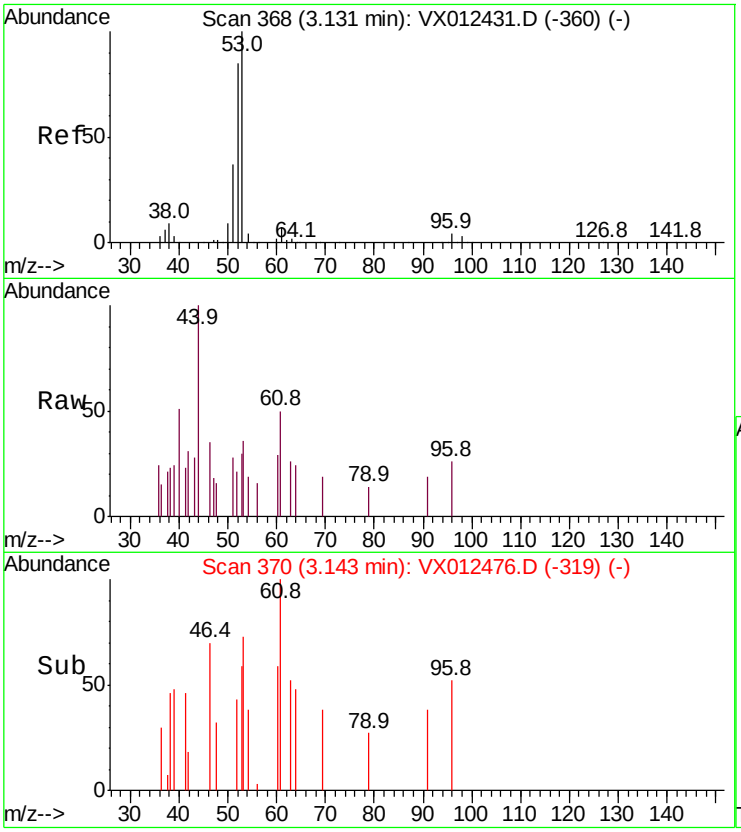


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 56 Resp: 292

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



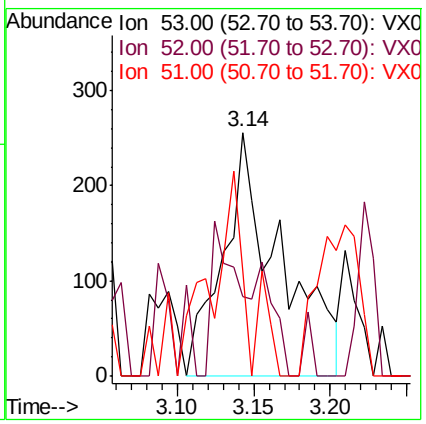


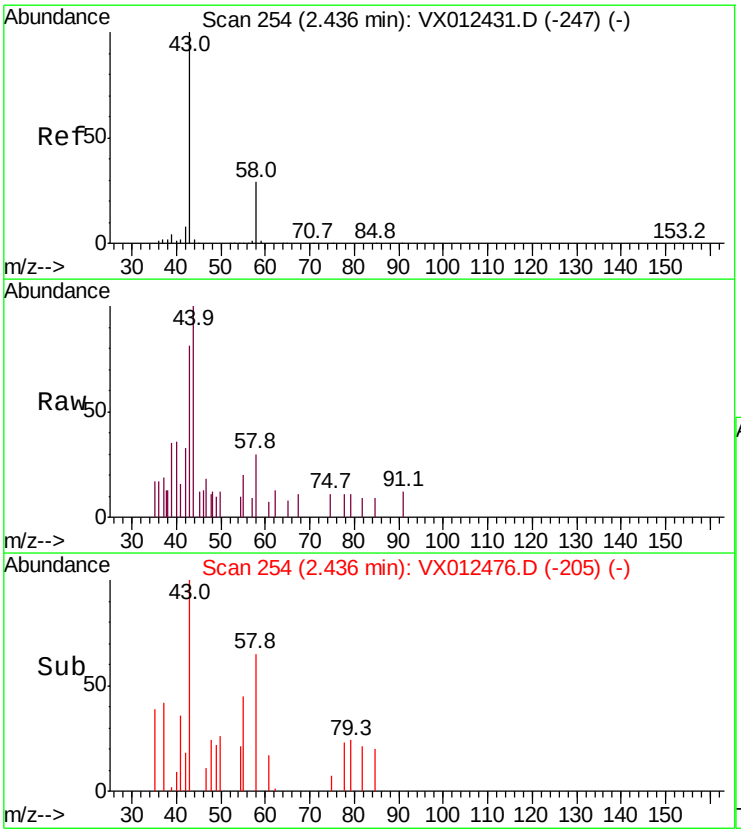
#15
Acrylonitrile
Concen: 0.603 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 53 Resp: 665

Ion	Ratio	Lower	Upper
53	100		
52	30.8	67.0	100.4#
51	42.6	29.6	44.4

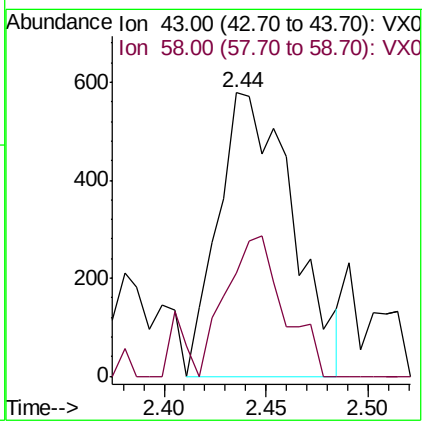


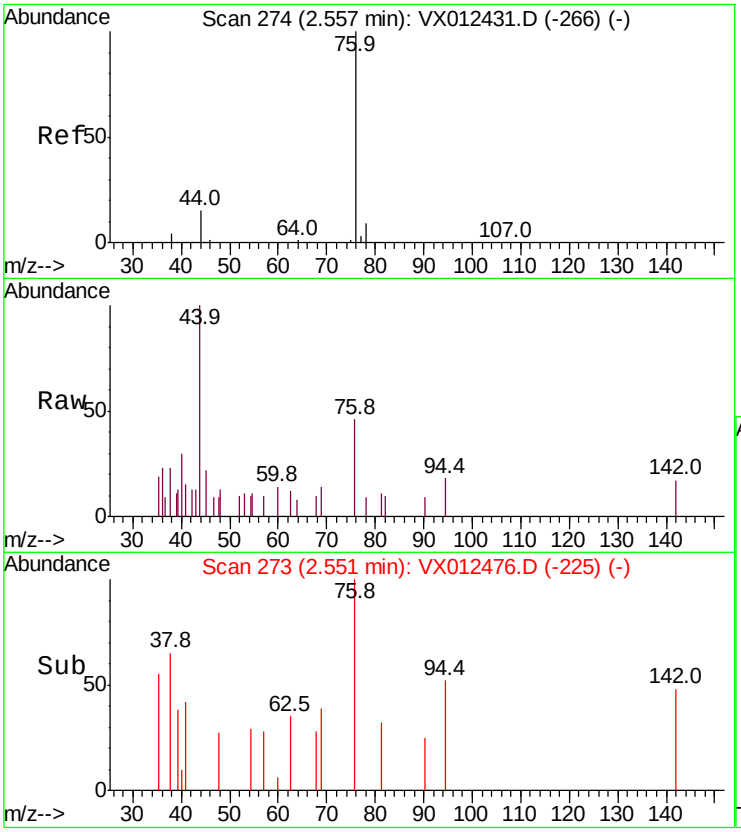


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 43 Resp: 1466

Ion	Ratio	Lower	Upper
43	100		
58	36.3	23.3	34.9#



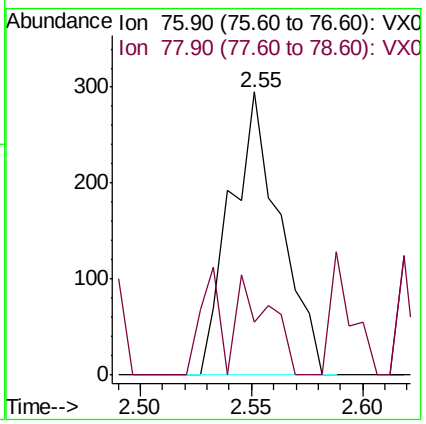


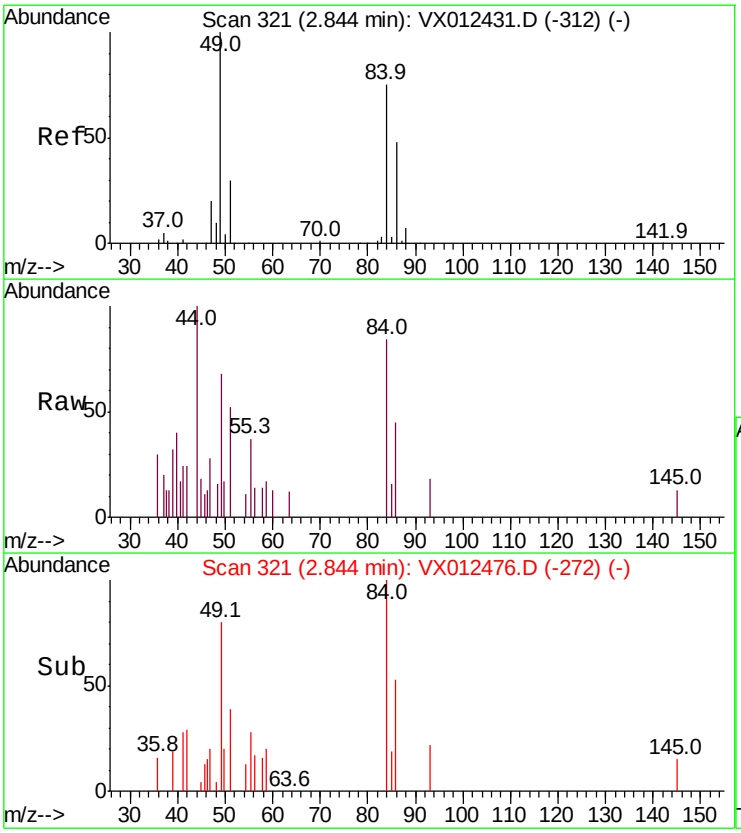
#17
Carbon Disulfide
Concen: 2.084 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 76 Resp: 455

Ion	Ratio	Lower	Upper
76	100		
78	18.6	7.3	10.9#

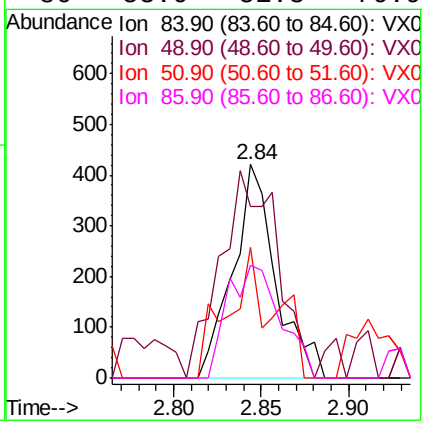


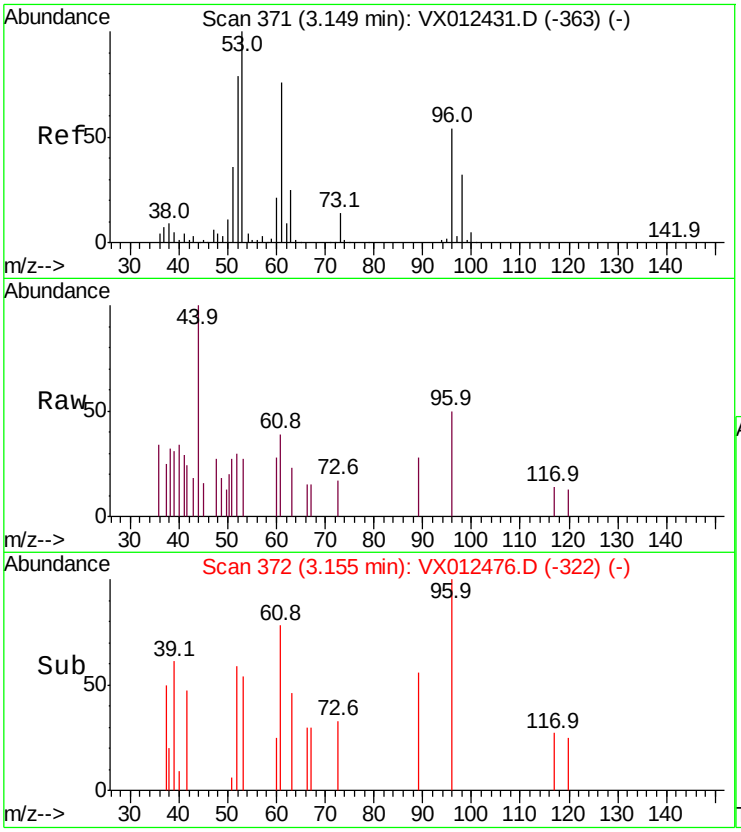


#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 84 Resp: 721

Ion	Ratio	Lower	Upper
84	100		
49	80.0	106.8	160.2#
51	61.0	32.3	48.5#
86	53.0	51.3	76.9



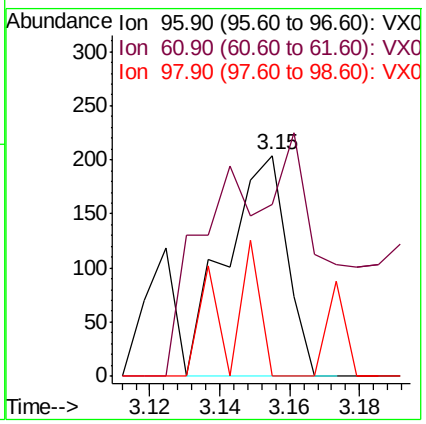


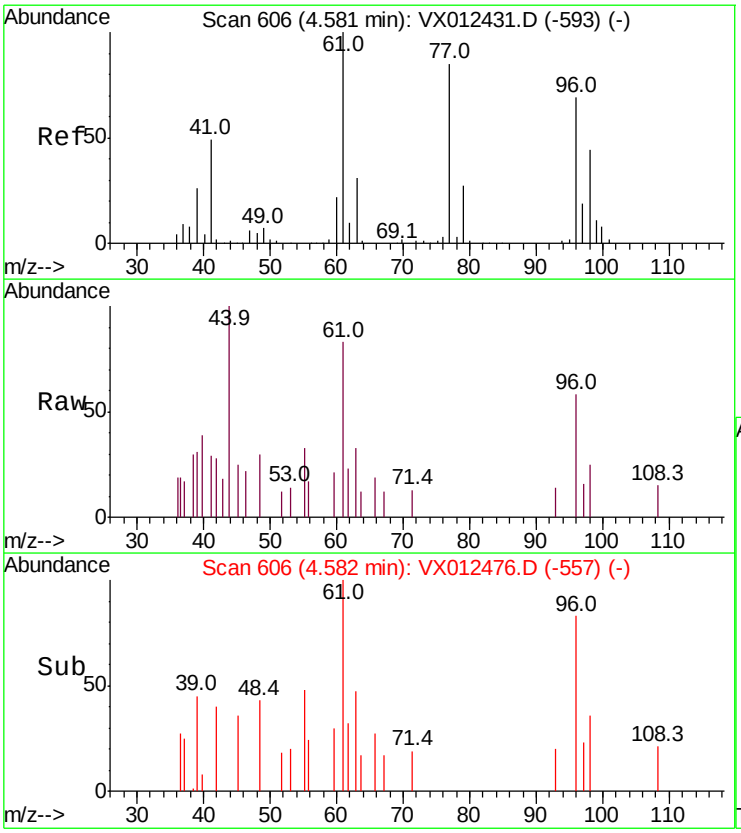
#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 96 Resp: 244

Ion	Ratio	Lower	Upper
96	100		
61	27.5	112.0	168.0#
98	0.0	47.8	71.8#

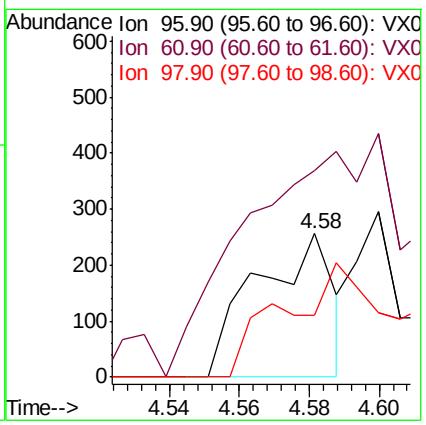


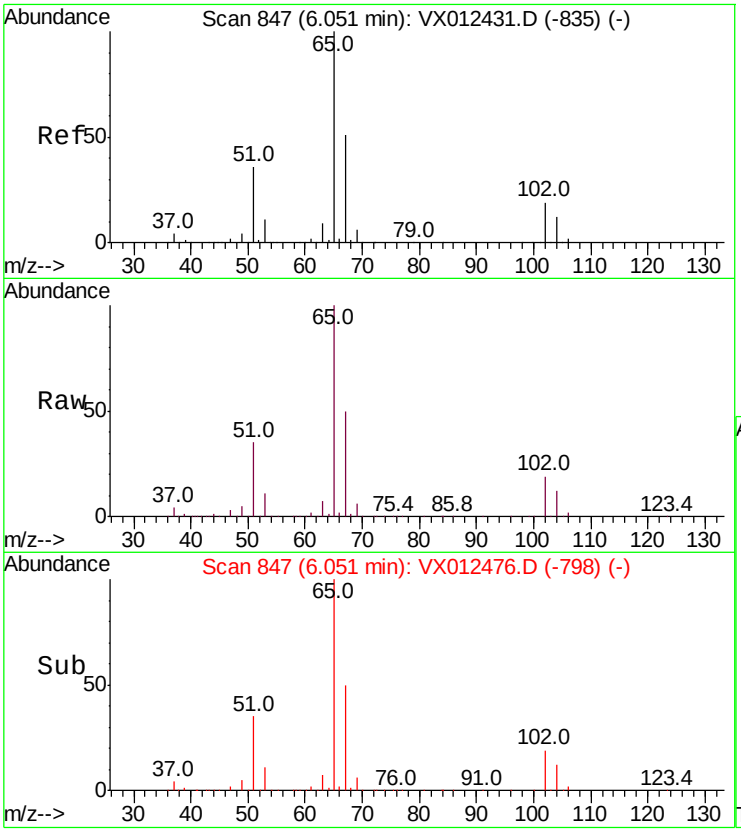


#27
cis-1,2-Dichloroethene
Concen: 0.225 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 96 Resp: 389

Ion	Ratio	Lower	Upper
96	100		
61	369.2	0.0	319.4#
98	120.3	0.0	130.6



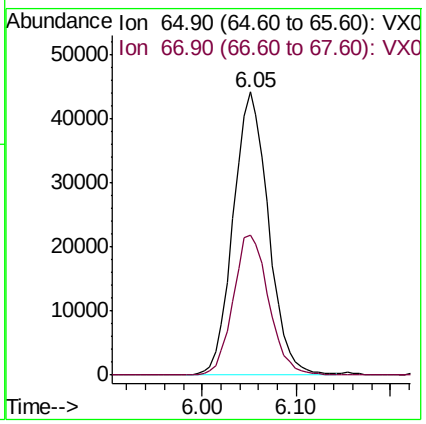


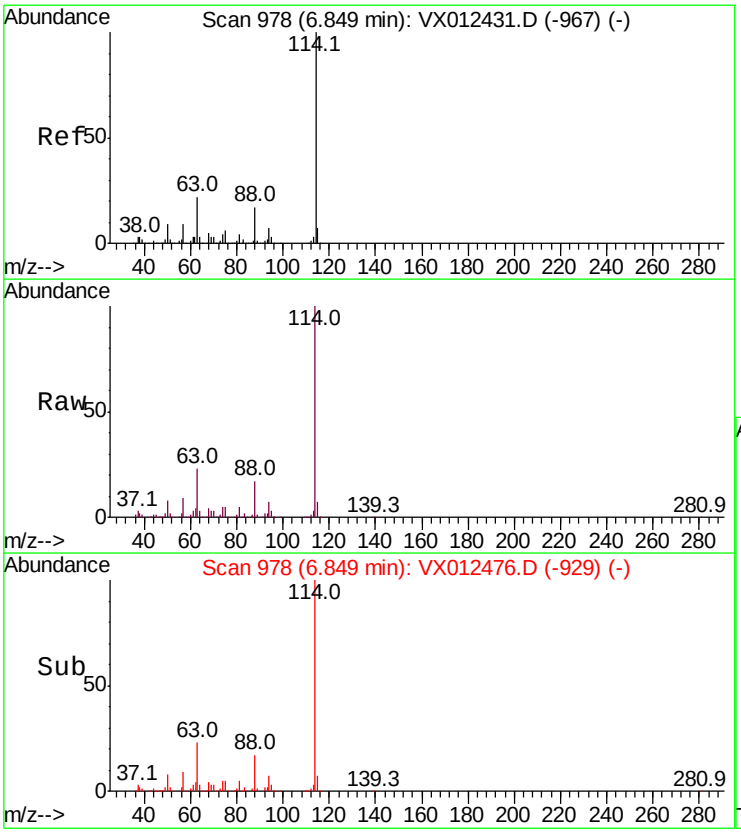
#33
1,2-Dichloroethane-d4
Concen: 45.326 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 65 Resp: 115386

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.2

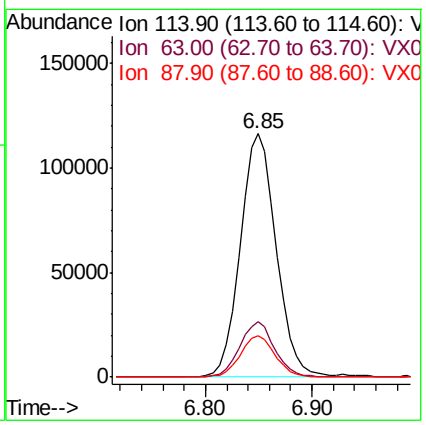


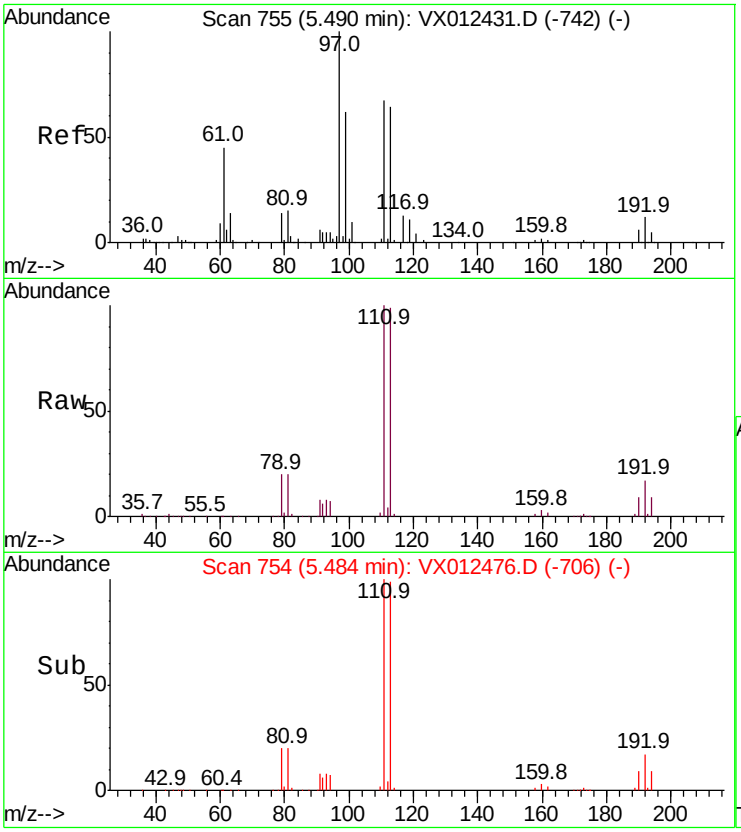


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:114 Resp: 275002

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	43.2
88	16.9	0.0	33.2



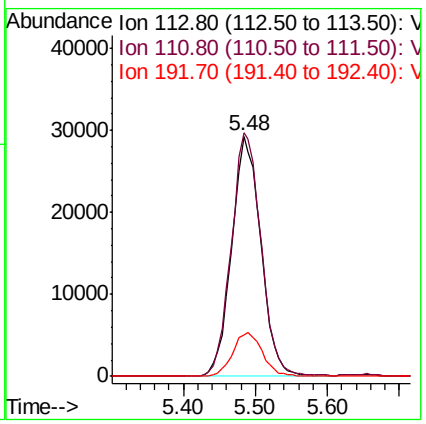


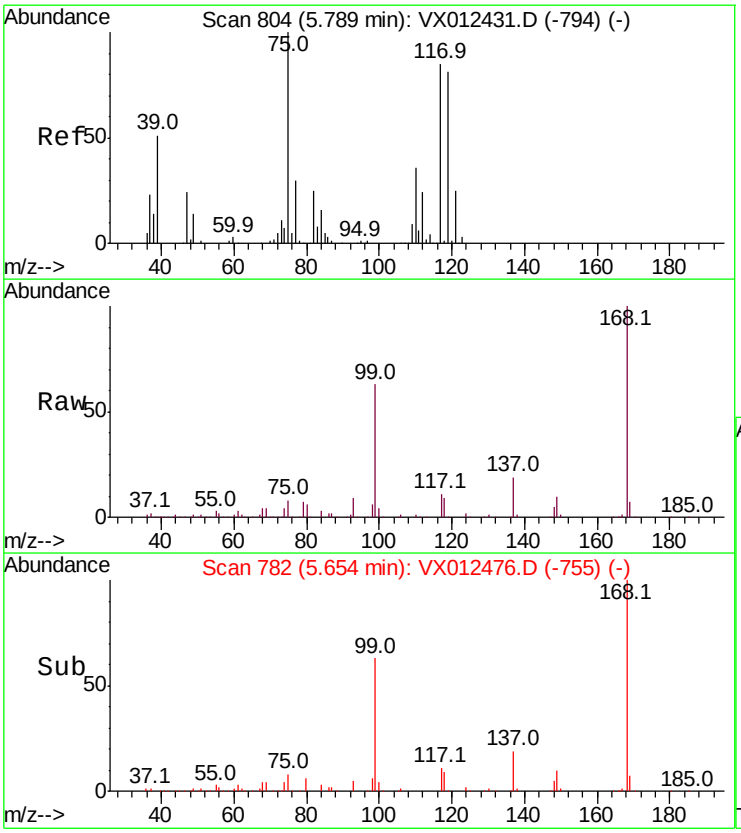
#35
Dibromofluoromethane
Concen: 49.576 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:113 Resp: 82518

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	18.5	14.4	21.6

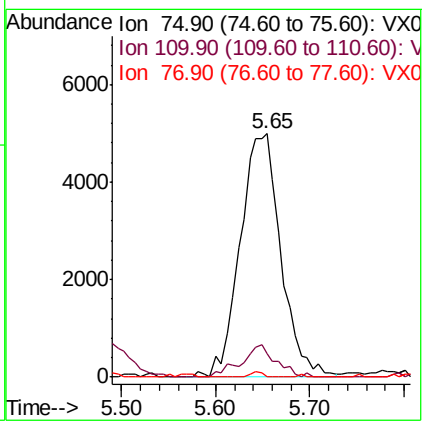


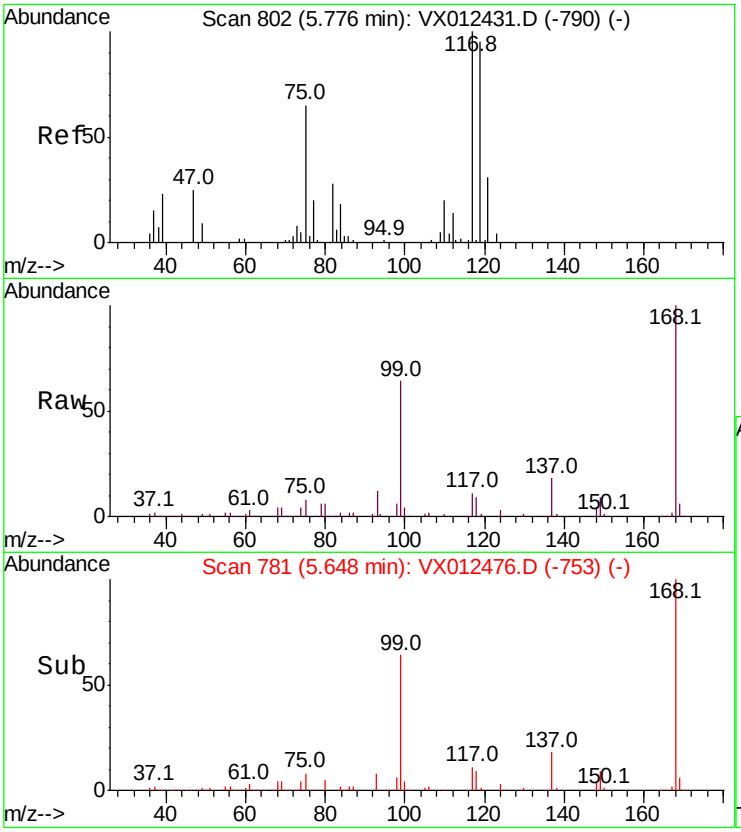


#36
1,1-Dichloropropene
Concen: 9.019 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 75 Resp: 15074

Ion	Ratio	Lower	Upper
75	100		
110	11.1	16.7	50.0#
77	0.6	24.2	36.2#



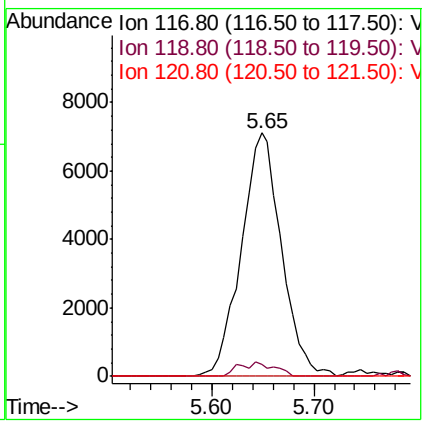


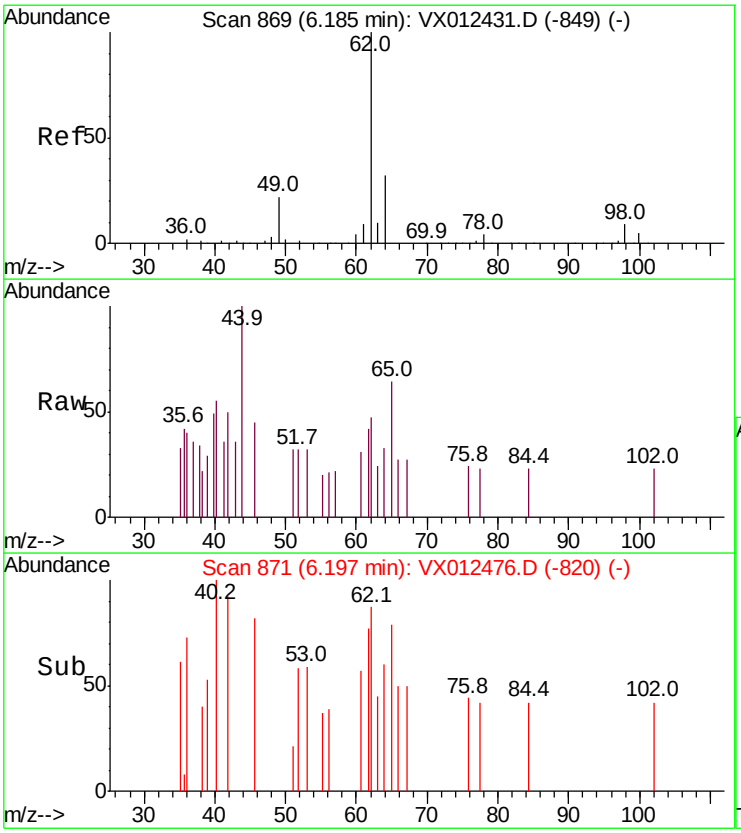
#38
Carbon Tetrachloride
Concen: 9.359 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190909DL

Tgt Ion:117 Resp: 19454

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.7	113.5#
121	0.0	24.2	36.4#

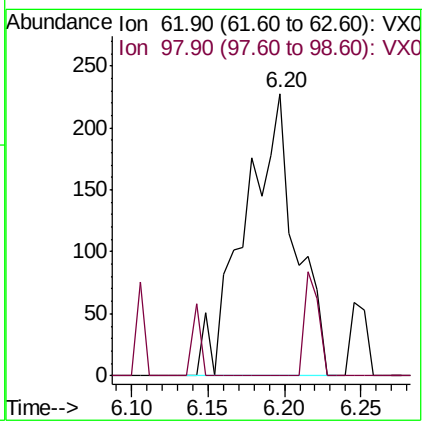


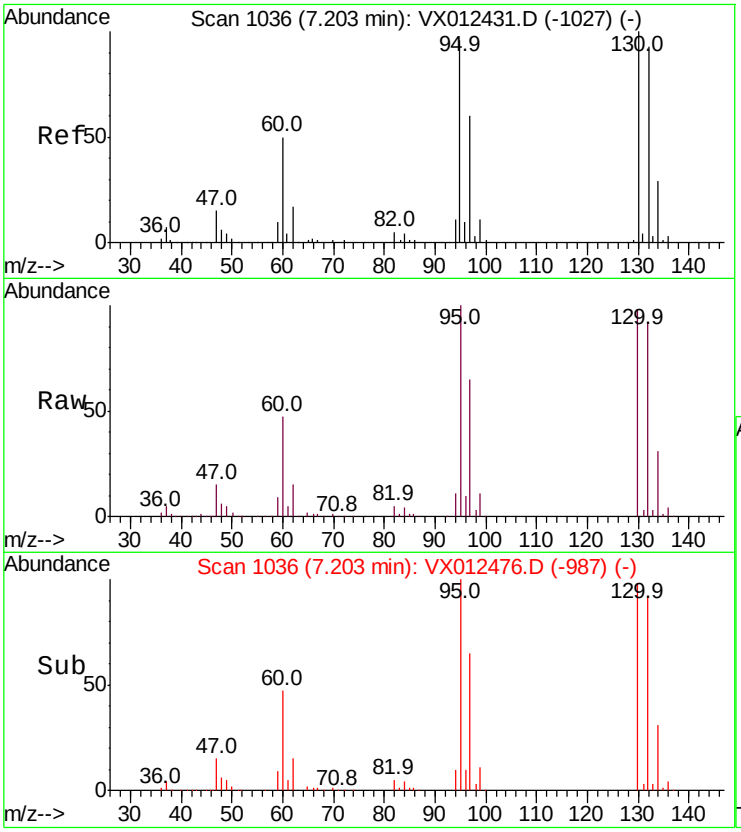


#42
1,2-Dichloroethane
Concen: 0.213 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 62 Resp: 525

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.8



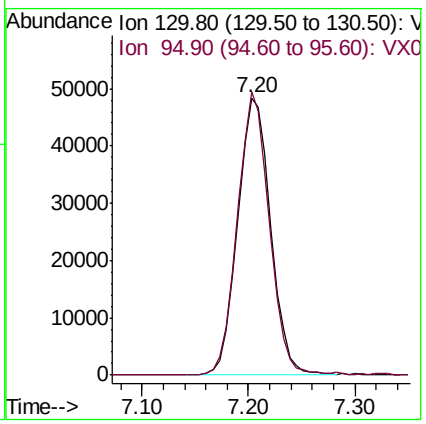


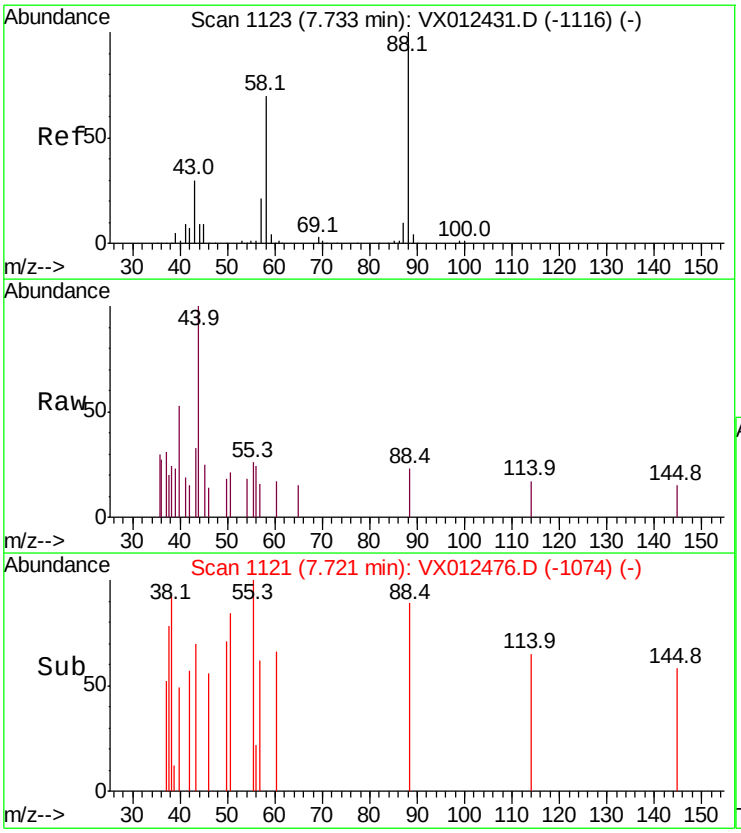
#44
Trichloroethene
Concen: 75.400 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:130 Resp: 105414

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	193.0

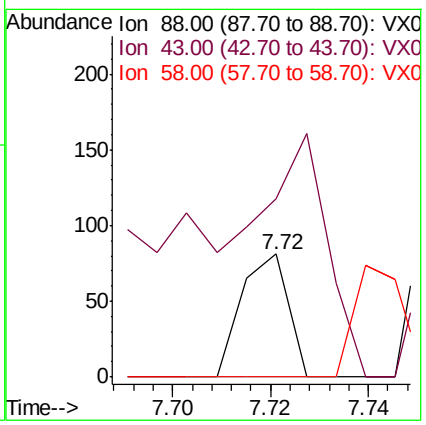


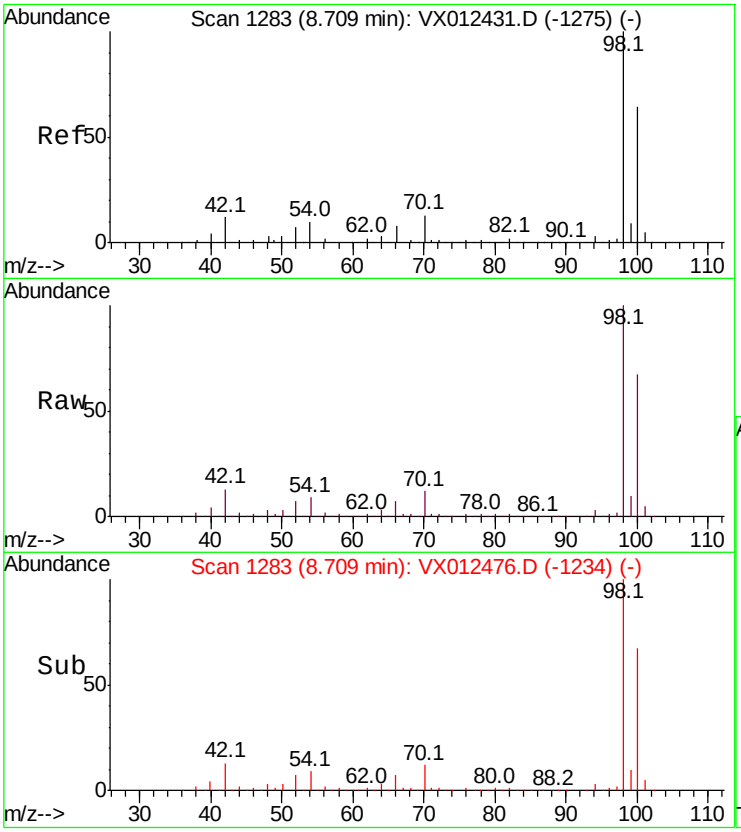


#49
1,4-Dioxane
Concen: 1.003 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	303.8	29.4	44.0#
58	94.3	57.5	86.3#



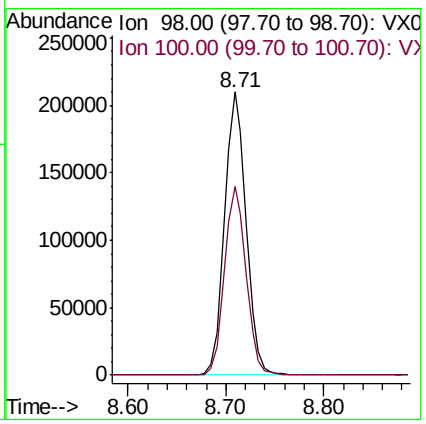


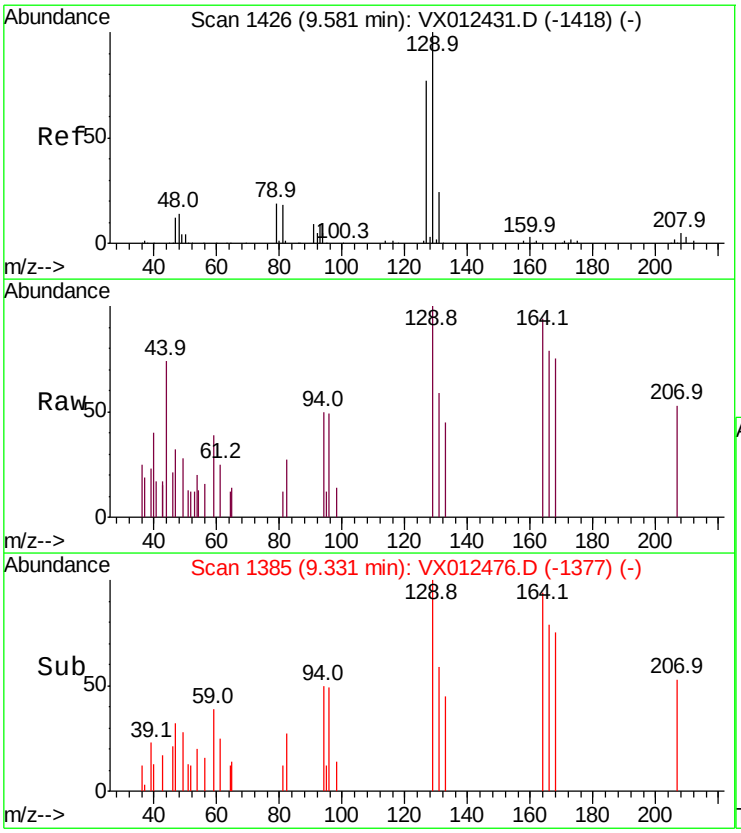
#50
Toluene-d8
Concen: 52.109 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 98 Resp: 321038

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2

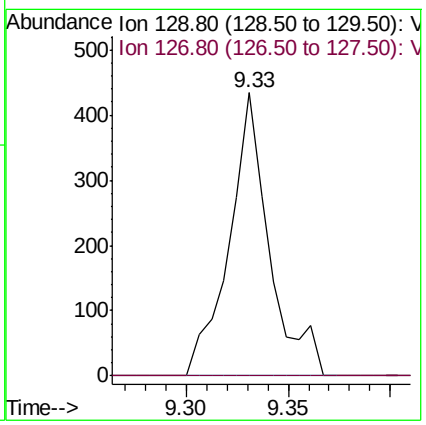


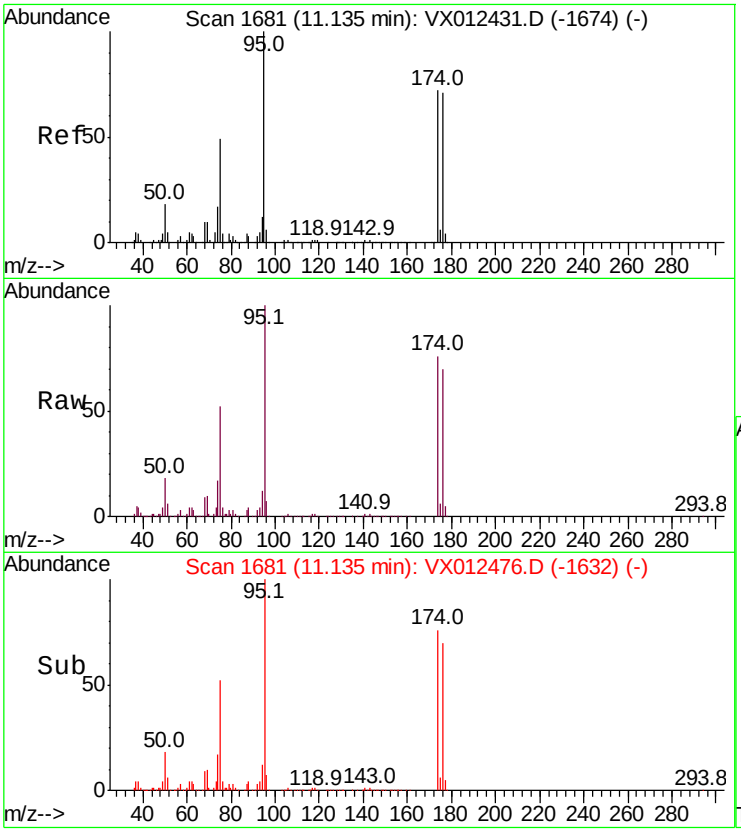


#60
Dibromochloromethane
Concen: 0.329 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:129 Resp: 592

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



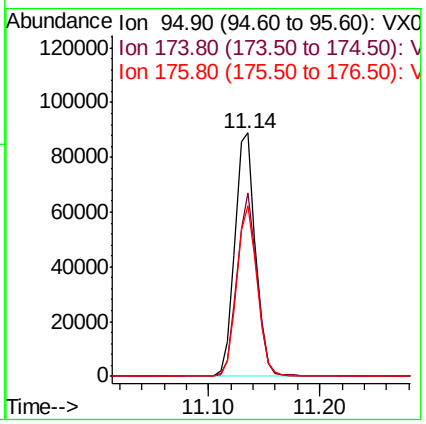


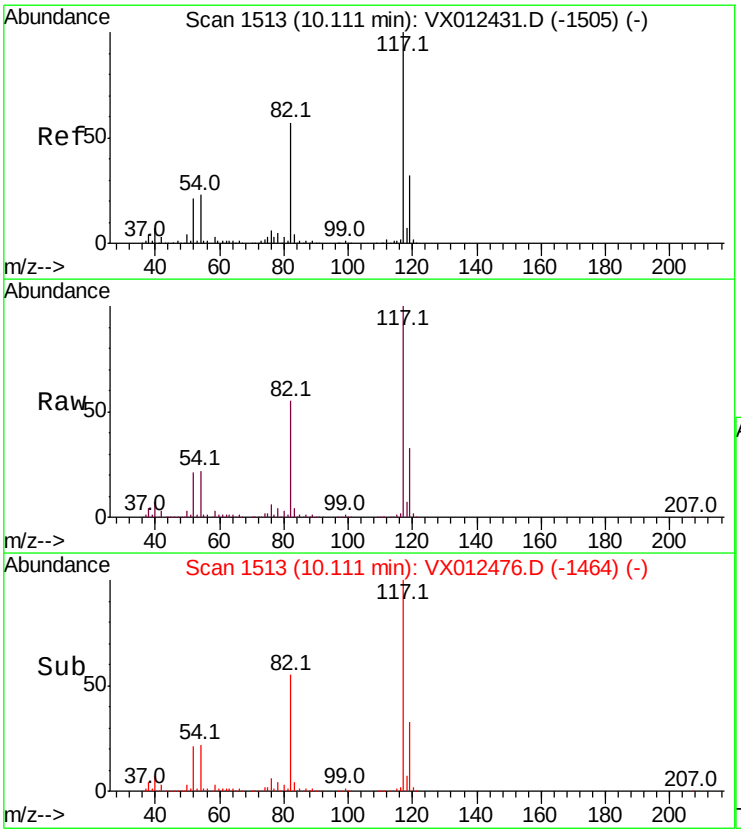
#62
4-Bromofluorobenzene
Concen: 44.596 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 95 Resp: 114079

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	140.0
176	69.5	0.0	135.4

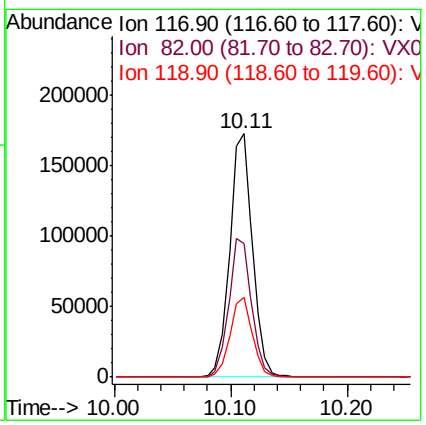


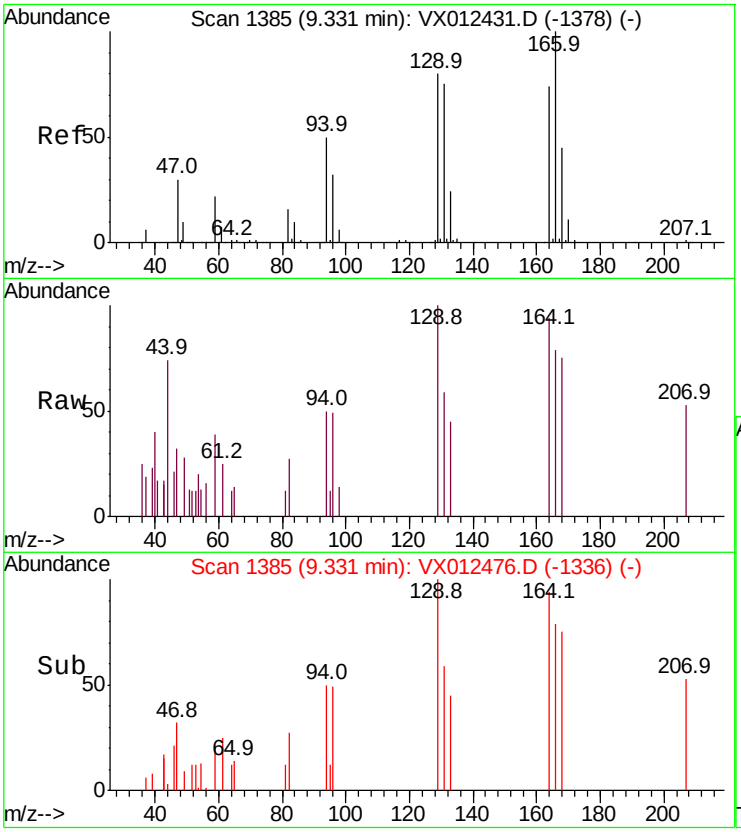


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:117 Resp: 234331

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.9	68.9
119	32.6	25.3	37.9



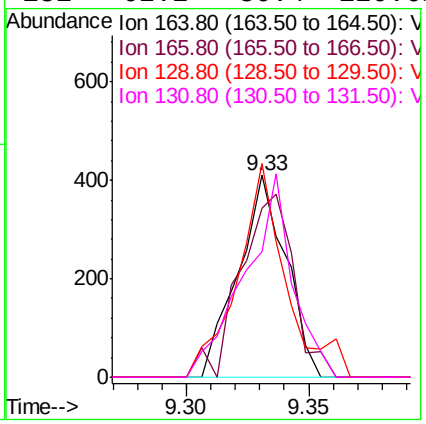


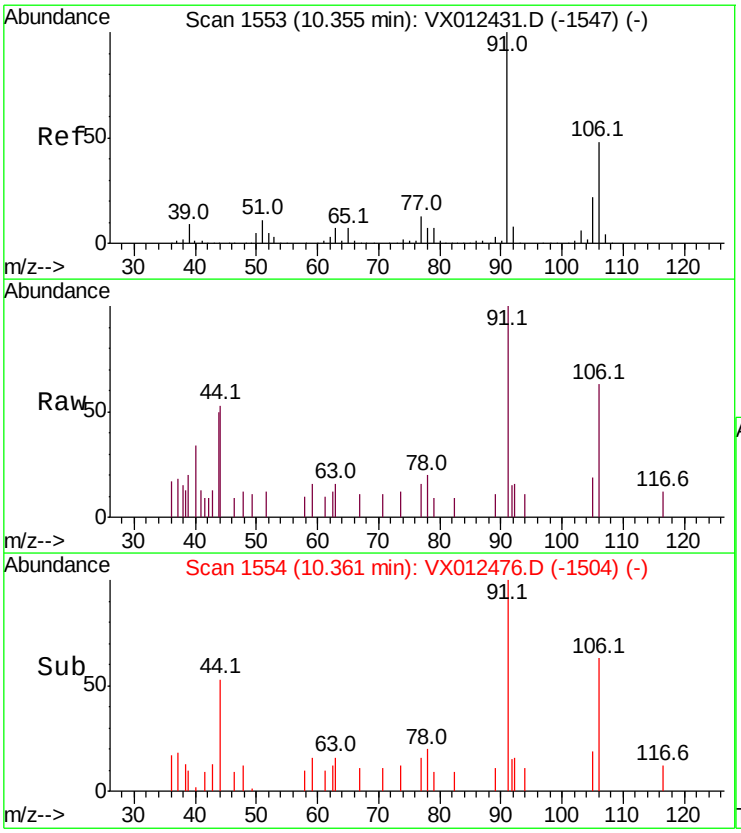
#64
Tetrachloroethene
Concen: 0.520 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:164 Resp: 558

Ion	Ratio	Lower	Upper
164	100		
166	83.9	107.8	161.6#
129	105.9	86.2	129.2
131	62.2	80.4	120.6#

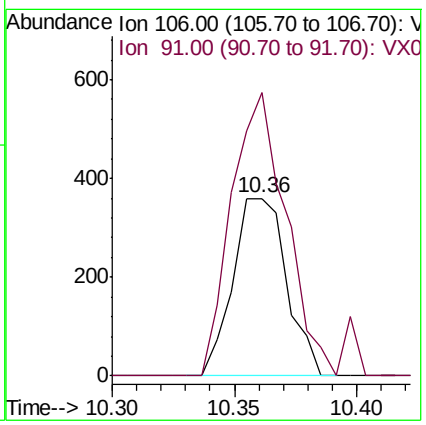


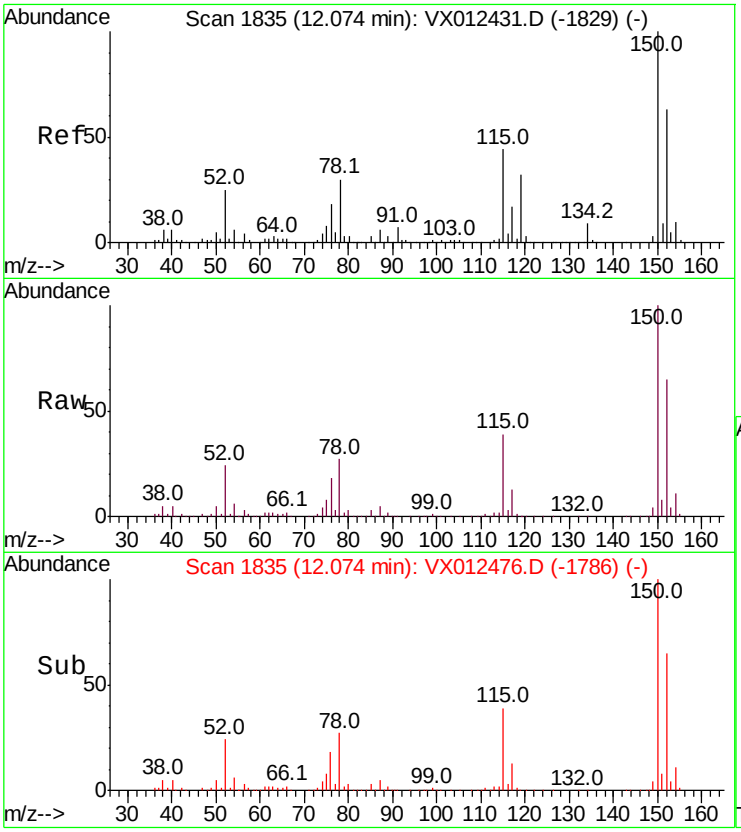


#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:106 Resp: 548

Ion	Ratio	Lower	Upper
106	100		
91	161.9	166.6	250.0#



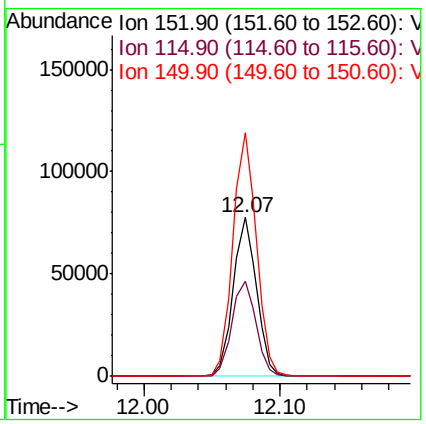


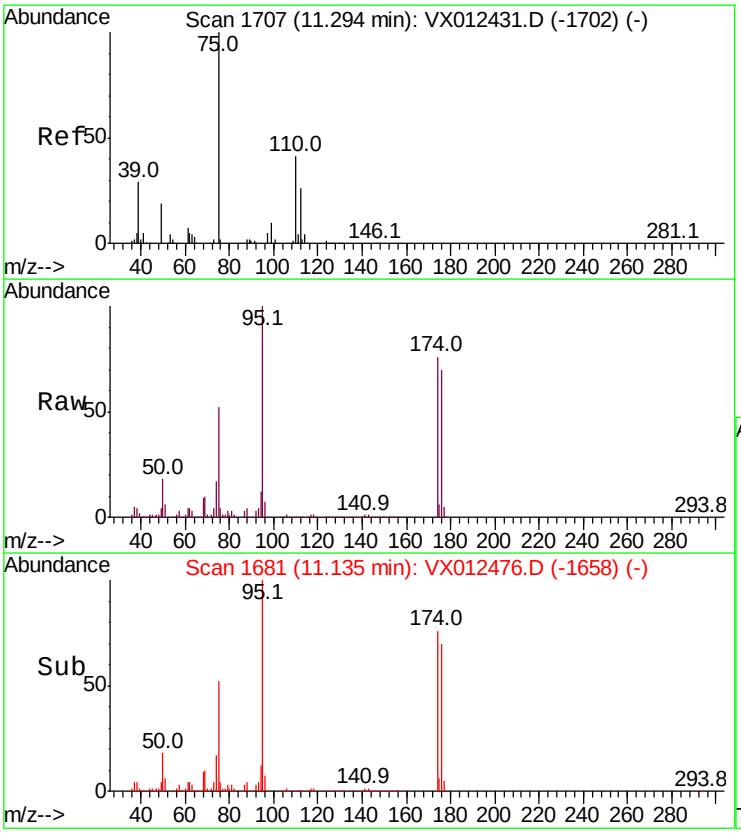
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:152 Resp: 92881

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.1	132.3
150	154.6	0.0	343.8

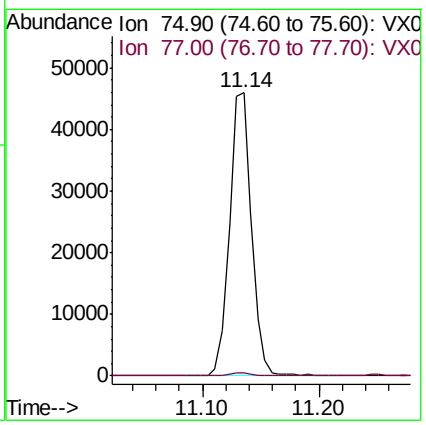


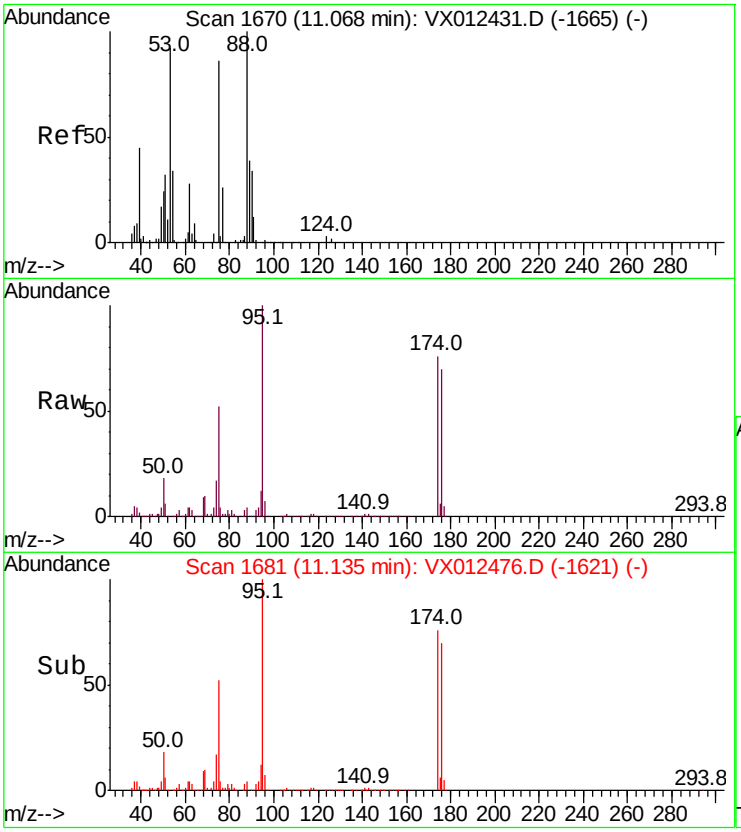


#76
1,2,3-Trichloropropane
Concen: 28.325 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 75 Resp: 60432

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#



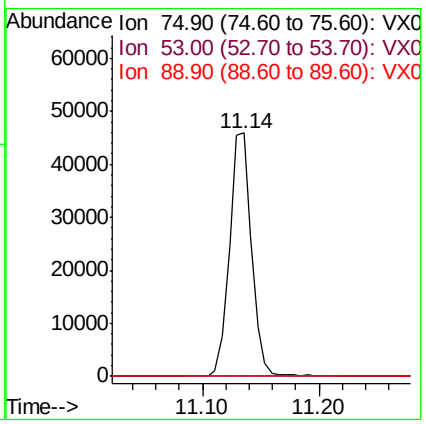


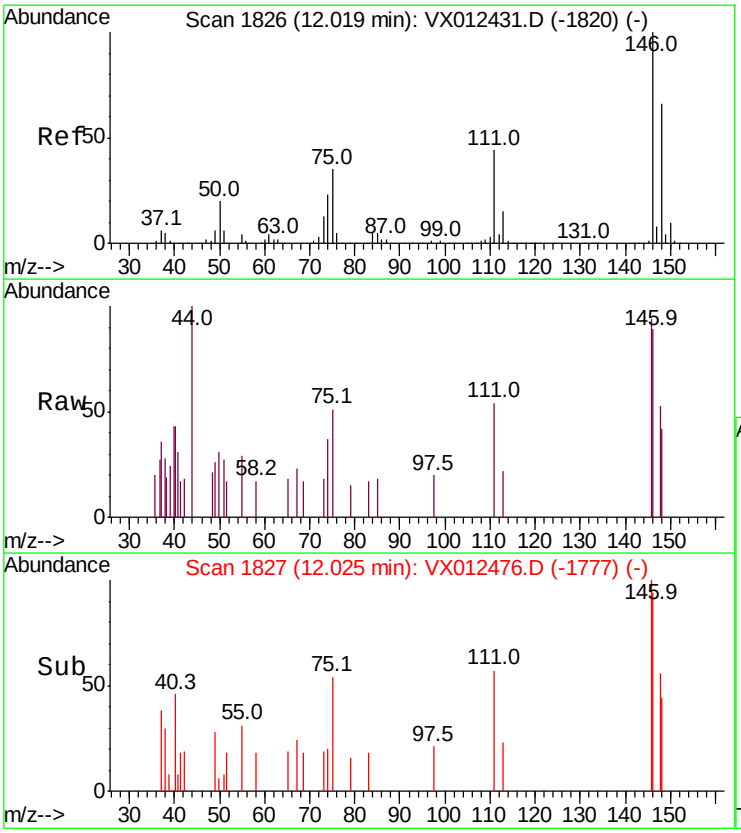
#81
trans-1,4-Dichloro-2-butene
Concen: 76.043 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion: 75 Resp: 60432

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.6	125.4#
89	0.0	36.3	54.5#

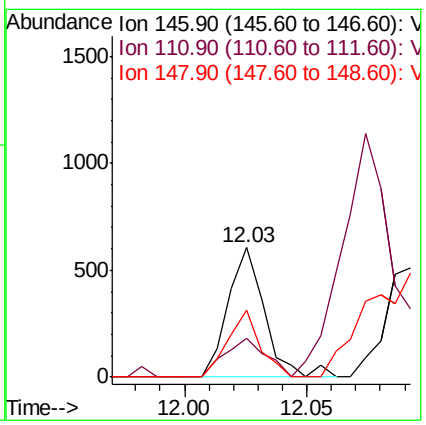


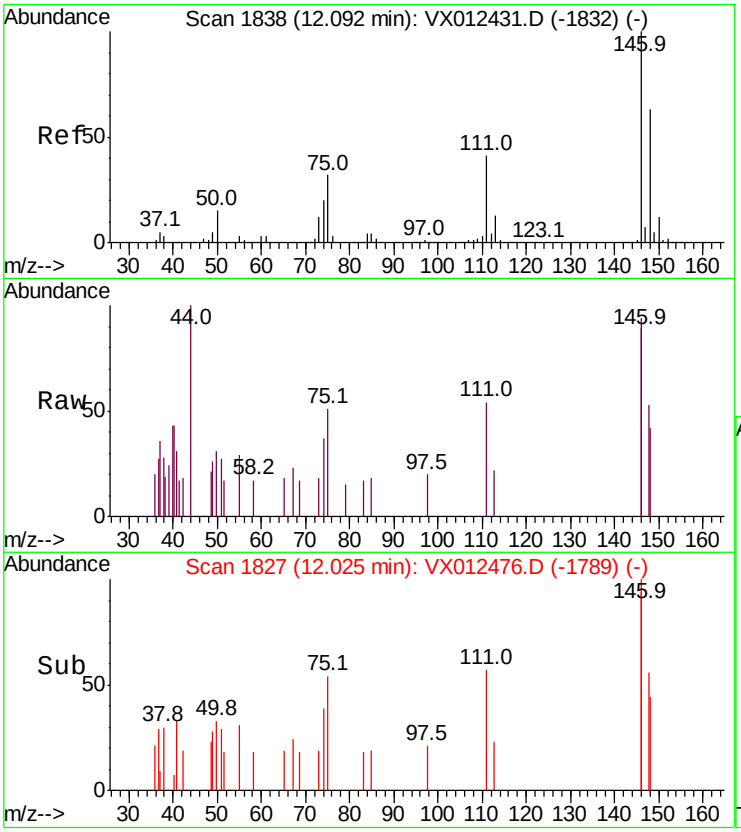


#87
1,3-Dichlorobenzene
Concen: 0.235 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:146 Resp: 629

Ion	Ratio	Lower	Upper
146	100		
111	33.9	21.3	64.0
148	45.5	32.4	97.2



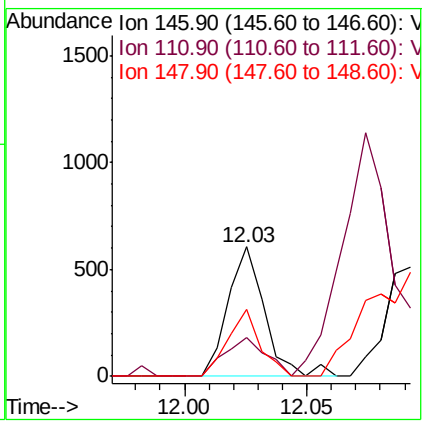


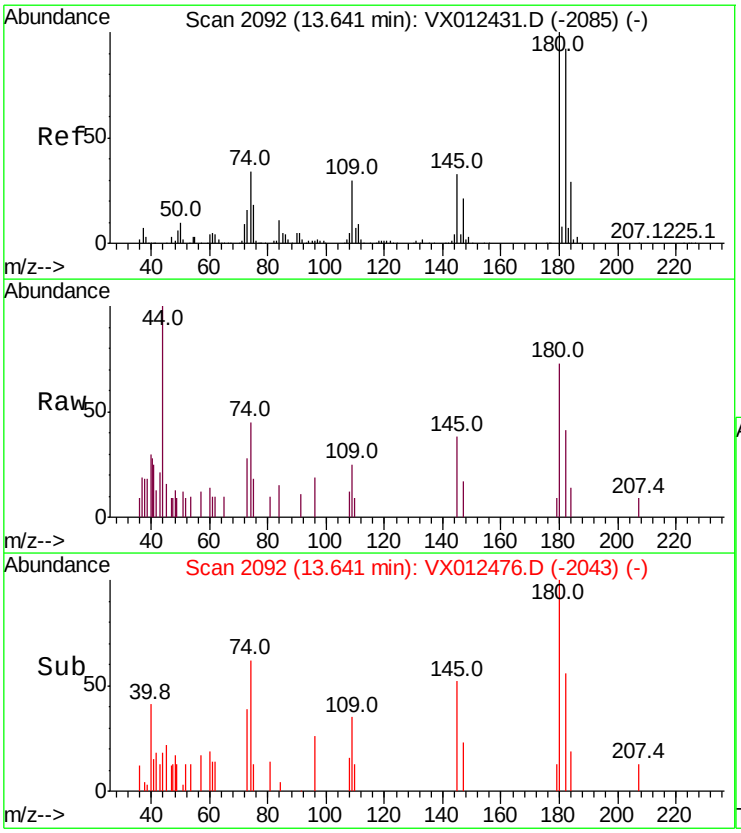
#88
1,4-Dichlorobenzene
Concen: 0.229 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:146 Resp: 629

Ion	Ratio	Lower	Upper
146	100		
111	33.9	21.1	63.3
148	45.5	32.1	96.5

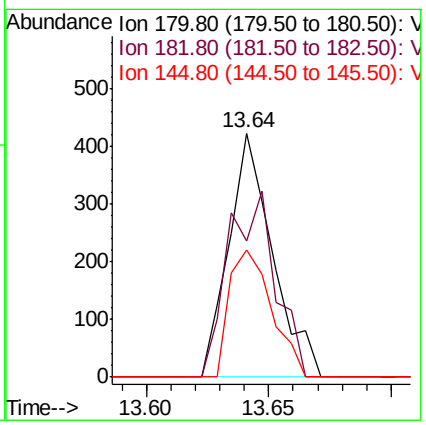


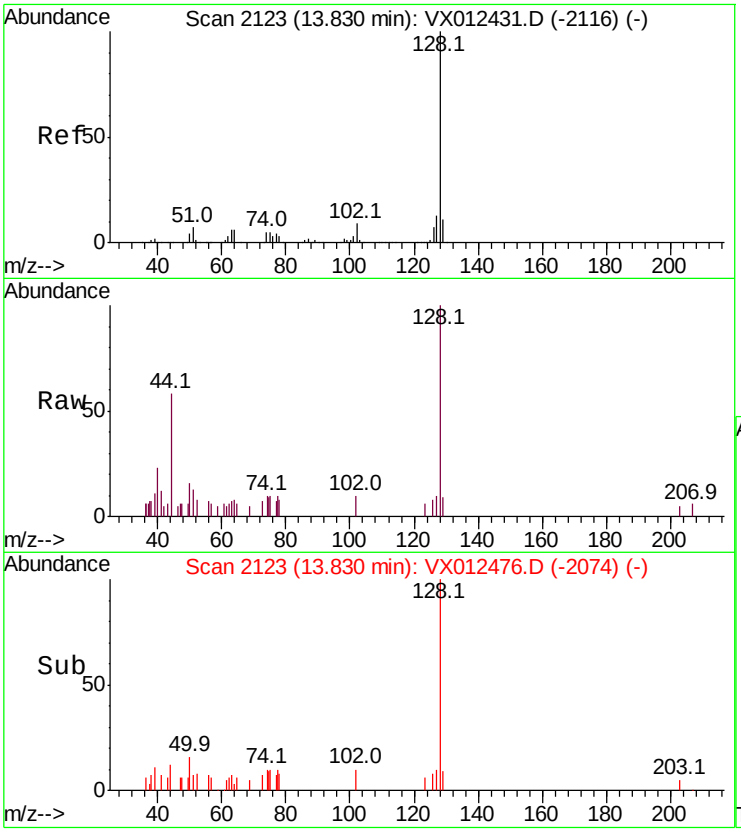


#93
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:180 Resp: 528

Ion	Ratio	Lower	Upper
180	100		
182	82.4	47.0	141.0
145	50.2	16.8	50.4



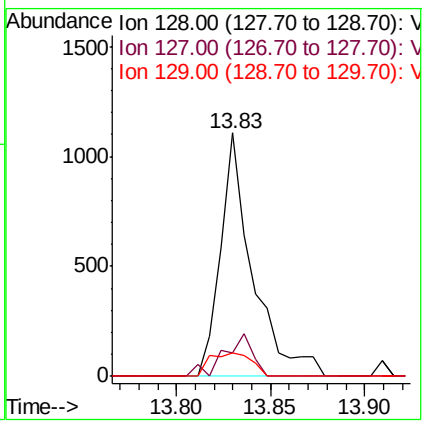


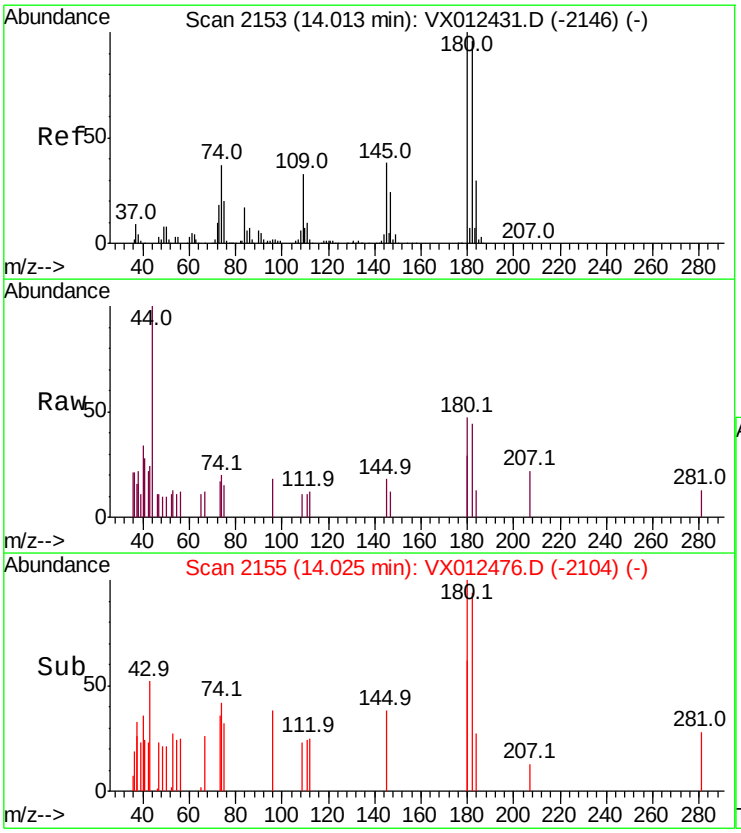
#95
Naphthalene
Concen: 0.204 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tgt Ion:128 Resp: 1309

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.4#
129	12.5	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.274 ug/l
RT: 14.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:180 Resp: 503

Ion	Ratio	Lower	Upper
180	100		
182	120.7	47.1	141.3
145	38.0	18.0	54.0